

THE UNITED STATES DEPARTMENT OF ENERGY/NATIONAL NUCLEAR
SECURITY ADMINISTRATION HAS COMPLETED AN EXPLANATION OF
SIGNIFICANT DIFFERENCE FOR THE LAWRENCE LIVERMORE NATIONAL
LABORATORY'S LIVERMORE SITE

The U.S. Department of Energy/National Nuclear Security Administration is completing an Explanation of Significant Difference report for Lawrence Livermore National Laboratory's Livermore Site. This Explanation of Significant Difference report presents the addition of Institutional Controls to the Livermore Site Remedial Alternatives.

Lawrence Livermore National Laboratory's Livermore Site is an applied science laboratory operated by Lawrence Livermore National Security, LLC. The Livermore Site is located approximately three miles east of the downtown area of Livermore, California. The 800-acre Livermore Site was converted from agricultural use into a Navy flight training base and aircraft assembly and repair facility in 1942. In the 1950s, the Atomic Energy Commission converted the site into a weapons design and basic physics research laboratory. Initial hazardous materials releases occurred at the Livermore Site when the site was the Livermore Naval Air Station. There is also evidence that localized spills, unlined landfills, and leaking tanks and impoundments contributed volatile organic compounds, fuel hydrocarbons, metals, and tritium to the ground water and unsaturated sediments in the post-Navy era. By 1987, a plume of volatile organic compounds had migrated offsite about 2,200 feet west of the current Laboratory property. These past operations resulted in the Livermore Site being placed on the Environmental Protection Agency's National Priorities List in 1987. A Record of Decision was signed in 1992 that established the cleanup remedies and cleanup standards for the Livermore Site.

As required under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, an Explanation of Significant Difference is required because a significant, but not fundamental change is proposed to the final cleanup remedy for the Lawrence Livermore National Laboratory's Livermore Site described in the Record of Decision.

Institutional Controls are restrictions or controls that are implemented to protect human health and the environment, such as restricting access or limiting activities at a contaminated site. The Explanation of Significant Difference report documents the Institutional Controls selected as part of the remedy.

The draft Explanation of Significant Difference report is available to the public at the Laboratory's Environmental Repository in the Livermore Public Library located at 1188 South Livermore Ave, Livermore, CA 94550, [telephone (925) 373-5500]; the Laboratory Discovery Center, Greenville Road at East Gate Drive, Livermore, CA 94551, [telephone (925) 422-4599]; and online at <http://www-envirinfo.llnl.gov/>.

FOR MORE INFORMATION:

For further information, please contact:

Phil Wong, Federal Project Director

Livermore Site Office, P.O. Box 808, L-293, Livermore, CA 94550

(925) 422-0765 or phil.wong@nnsa.doe.gov